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					Art Unit	1638,
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	Sheet	1	of	3	Attorney Docket Number	1121C

	U.S. PATENT DOCUMENTS								
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant				
Initials *	No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document	Pessages or Relevant Figures Appear				
MAI	A1	US-5,451,514	09/19/1995	Boudet et al.					
7		US-							
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		FOREIGN PA	TENT DOCUM	IENTS		
Examiner Initials*		Foreign Patent Document			Pages, Columns, Lines, Where	
	Cite No. <sup>1</sup>	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	75
MAI	A2	WO 99/00419	07/01/1999	Sumitomo Electric Industries, Ltd.		
	А3	EP 0 926 157 A1	06/30/1999	Sumitomo Electric Industries, Ltd.		
V	A4	EP 1 033 405 A2	09/06/2000	Ceres Incorporated		
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Examiner Signature	Medina	A.Morali	Date Considered	8/201	04

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Translation is attached.

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	Complete if Known
Application Number	10/782,435
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First Named Inventor	Pramod B. Mahajan
Art Unit	1638
Examiner Name	
Attorney Docket Number	1121C

		NON PATENT LITERATURE DOCUMENTS		
Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
		BLEWITT et al., Database EMBL Accession No. Al726943, BNLGHi6897 Six-day Cotton fiber Gossypium hirsutum cDNA 5' similar to (AB012122) TIP49 [Homo sapiens] gi/3243035, rRNA sequence (1999)		
	A6	BORK, Powers and Pitfalls in Sequence Analysis: The 70% Hurdle, Genome Research 10:398-400 (2000)		
	A7	CAMERINI-oTERO et al., Homologous Recombination Proteins in Prokaryotes and Eukaryotes, Annu. Rev. Genetics 29:509-552 (1995)		
	A8	KANEMAKI et al., Molecular Cloning of a Rat 49-kDa TBP-Interacting Protein (TIP49) That is Highly Homologous to the Bacterial RuvB, Biochem Biophys Res 235:64-68 (1997)		
	A9	KIKUCHI et al., GenBank Accession No. AB001581		
	A10	KOWALCZYKOWSKI et al., Biochemistry of Homologous Recombination in Escherichia coli, Microb. Rev. 58(3):401-465 (1994)		
	A11	LABRADOR, E., Database EMBL Accession No. AJ276264, Cicer arietinum mRNA for putative Ruv DNA-helicase (2000)		
	A12	MAKINO et al., TIP49, Homologous to the Bacterial DNA Helicase RuvB, Acts as an Autoantigen in Human, Biochem Biophys Res. 245:819-823 (1998)		
	A13	MAKINO et al., Database EMBL Accession No. AB012122, Homo saplens mRNA for TIP49, complete cds (1998)		
	A14	NAKAMURA et al., Database EMBL Accession No. AB007651, Arabidopsis thaliana genomic DNA, chromosome 5, P1 clone:MWD9 (1997)		
	A15	NAKAMURA et al., Database EMBL Accession No. AB013390, Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone:K919 (1998)		
	A16	QIU et al., An Eukaryotic RuvB-like Protein (RUVBL1) Essential for Growth, J. Biol. Chem. 273(43):27786-27793 (1998)		
1/	A17	WALBOT, V., GenBank Accession No. Al444686, Maize ESTs from various cDNA libraries sequenced at Stanford		

Examiner Signature	M	collie	A. Ural	Date Considered	8	1/20/04
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Application Number	10/782,435	
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²
MAT	A18	WALBOT, V., GenBank Accession No. Al467736, Maize ESTs from vrious cDNA libraries sequenced at Stanford University (1999)	
	A19	WALBOT, V., GenBank Accession No. Al629704, Maize ESTs from various cDNA libraries sequences at Stanford University (1999)	
1	A20	WALBOT, V., Database EMBL Accession No. Al667714, Endosperm cDNA library from Schmidt lab Zea mays cDNA, mRNA sequence (1999)	
	A21	WALBOT, V., Database EMBL Accession No. Al444686, leaf primordia cDNA library from Hake lab Zea mays cDNA, mRNA sequence (1999)	-
	A22	WALBOT, V., Database EMBL Accession No. AW927558, Mixed adult tissues from Walbot lab, same as 707 (SK) Zea mays cDNA, mRNA sequence (2000)	
///	A23	WEST, S., Processing of Recombination Intermediates by the RuvABC Proteins, Annu. Rev. Genet. 31:213-244 (1997)	
	A24	ZERBIB et al., Coordinated Actions of RuvABC in Holliday Junction Processing, J. Mol. Biol. 281:621-630 (1998)	
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